

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in this application:

Listing of the Claims:

1. (Currently Amended) A flexible packaging film comprising:

at least two layers, wherein each layer comprises polyvinyl chloride and plasticizer, wherein the plasticizer is at least one of epoxidized soya bean oil or di(2-ethyl-hexyl) adipate;

wherein the at least two polyvinyl chloride layers are adjacent to one another; and

wherein the at least two layers are sufficiently distinct from each other to have different melting points and one of said at least two layers melts and seals to itself when heat is transferred through the other layer.
2. (Previously Presented) The film of claim 1, wherein each layer further comprises a surface active agent.
3. (Canceled).

4. (Previously Presented) The film of claim 2, wherein the amount of surface active agent ranges from between about 0.001 and 5 parts/hundred resin.

5. (Previously Presented) The film of claim 2, wherein the surface active agent includes one or more of surfactant, antistat, antiblock, and slip agents.

Claims 6-7. (Canceled).

8. (Previously Presented) The polymer composite film of claim 1, wherein the amount of plasticizer ranges from between about 5 and 60 parts/hundred resin.

9. (Previously Presented) The film of claim 1, wherein at least one of the layers further comprises a process aid.

10. (Previously Presented) The film of claim 1, wherein at least one of the layers further comprises a copolymer.

11. (Previously Presented) The film of claim 10, in which the copolymer is selected from the group consisting of PVCPVA and polyester adipate.

Claims 12-17. (Canceled).

18. (Currently Amended) A flexible packaging film comprising:
at least two layers, wherein each layer comprises polyvinyl chloride and plasticizer,
wherein the plasticizer is a mixture comprising a primary plasticizer and a secondary plasticizer, wherein the primary plasticizer is di(2-ethyl-hexyl) adipate and the secondary plasticizer is epoxidized soya bean oil,
wherein the at least two layers are adjacent to one another,
wherein the film has a total thickness ranging up to about 2 mil, and
wherein the film has a degree of stiffness suitable for wrapping foods and an oxygen transmission rate suitable for wrapping foods.
19. (Previously Presented) The film of claim 18, wherein at least one of the layers further comprises a surface active agent.
20. (Canceled).
21. (Previously Presented) The film of claim 18, wherein at least one of the layers further comprises a copolymer.
22. (Currently Amended) A flexible packaging film comprising:

at least two layers, wherein each layer comprises polyvinyl chloride and plasticizer,

wherein the plasticizer comprises epoxidized soya bean oil or di(2-ethyl-hexyl) adipate,

wherein the at least two layers are adjacent to one another;

wherein the at least two layers are sufficiently distinct from each other to have different melting points and one of said at least two layers melts and seals to itself when heat is transferred through the other layer; and

wherein the film has a degree of stiffness suitable for wrapping foods and an oxygen transmission rate suitable for wrapping foods.

23. (Previously Presented) The film of claim 22, wherein at least one of the layers further comprises a surface active agent.

24. (Canceled).

25. (Previously Presented) The film of claim 22, wherein at least one of the layers further comprises a copolymer.

26. (Previously Presented) The film of claim 22, wherein the at least two layers include the inner layer of the film and the outer layer of the film, and wherein the inner layer has a lower melting point than the outer layer.

27. (Previously Presented) The film of claim 1, wherein the film has a thickness ranging no more than about 2 mil.

28. (Previously Presented) The film of claim 18, wherein the film has a thickness of about 1 mil.

29. (Previously Presented) The film of claim 22, wherein the at least two layers are sufficiently distinct from each other to have different gas permeabilities.

30. (Canceled).

31. (Currently Amended) A flexible packaging film comprising:

at least two layers, wherein each layer comprises polyvinyl chloride and plasticizer, wherein the plasticizer is at least one of epoxidized soya bean oil or di(2-ethyl-hexyl) adipate;

wherein the at least two polyvinyl chloride layers are adjacent to one another; and

wherein the film is a visually clear packaging film.

32. (Previously Presented) The packaging film of claim 31, wherein the film further comprises at least one surface active agent that imparts anti-fog properties to the film.

33. (Previously Presented) The packaging film of claim 31, wherein the film is a visually clear fresh meat or vegetable produce packaging film.

34. (New) A flexible packaging film comprising:

at least two layers, wherein each layer comprises polyvinyl chloride and plasticizer, wherein the plasticizer is at least one of epoxidized soya bean oil or di(2-ethyl-hexyl) adipate in an amount at least about 22 pph;

wherein the at least two polyvinyl chloride layers are adjacent to one another; and

wherein the at least two layers are sufficiently distinct from each other to have different melting points and one of said at least two layers melts and seals to itself when heat is transferred through the other layer.

35. (New) The film of claim 34, wherein di(2-ethyl-hexyl) adipate is present in an amount at least about 21.6 pph.

36. (New) The film of claim 34, wherein the ratio of epoxidized soya bean oil to di(2-ethyl-hexyl) adipate is less than about 0.5.